

Federal Regulatory Update on Energy Efficiency Standards

Jamie Hulan

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Natural Resources
Canada

Ressources naturelles
Canada

Purpose

- To provide an status update of:
 - The DOE-NRCan Work Plan & Regulatory Partnership Statement (RPS) released on May 28, 2015 to support RCC commitment

RCC Energy Efficiency Commitment in Joint Forward Plan

Natural Resources Canada and the U.S. Department of Energy have established **the goal of aligning new and updated energy efficiency standards and test methods** for energy-using equipment through **enhanced information sharing** and their **cooperative development** and implementation, to the extent **practicable and permitted by law**.

This includes a commitment to: annually share work plans (schedules) for test procedures and standards; develop guidelines for frequency of interaction and information sharing (e.g., test data, market analyses, etc.); mutually participate in each country's process to establish standards and testing requirements; and leverage multilateral initiatives to advance energy efficiency objectives.

Regulatory Partnership Statement

- Outlines the scope of cooperation
 - Types of activities that will be undertaken to support RCC commitment
- Governance
 - senior/strategic level
 - technical level
- Stakeholder role
 - informing regulatory priorities, providing data on performance, costs, and industry trends

RPS Activities

- The following meetings will be driven by the RPS and will take place on an annual basis:
 1. High-level governance meeting (stakeholders included) expected in spring 2016
 2. Technical expert group meeting (stakeholders included) shortly after the high-level governance meeting; and
- A schedule of meetings will be distributed to stakeholders once details have been confirmed

Annual Work Plan

- The work plan consists of two work streams with the following objectives:
 - A. to share information that will inform consideration of future Canadian actions; and*
 - B. to initiate activities to gather information on the energy savings potential of emerging technologies from a joint Canada-U.S. perspective*
- NRCan and DOE jointly identified initial product list that will be considered to joint information gathering under Work Stream B
- The work plan will be updated on an annual basis to reflect stakeholder comments as well as new areas of work

Work Stream B Products

- The products that NRCan tabled for joint information gathering were primarily informed by a strategic attempt to focus on areas where Canadian climate conditions affect energy performance

Air-Source Heat Pumps

Commercial and Residential Boilers

Commercial Rooftop Units

Combination Space and Water Heating Systems

**Water Heaters (Heat Pump & Gas-Fired
Condensing)**

Home Appliance Usage

Joint Information Gathering

- NRCan and DOE will still need to undertake independent regulatory development processes – with unique data requirements
- Work Stream B is about coordinating information gathering to ensure NRCan and DOE are filling the right information gaps to characterize the Canada-U.S. market
- Departments will share details on intended outcomes of information collection activities to ensure they meet respective needs

Key Contacts in U.S. and Canada for Energy Efficiency Standards

NRCan

- Debbie Scharf, Director of Equipment Division
- Katherine Delves, Chief of Standards Development
 - Jamie Hulan, Team Leader Standards Development (HVAC-R)
 - Micheline Brown, Team Leader Standards Development, Lighting and Consumer Electronics
- Andrés Drew, RCC lead

DOE

- John Cymbalsky, Program Manager for Appliance Standards
- Ashley Armstrong, Supervisory Mechanical Engineer

Any Comments/Questions?

